

Fisheries Information System

National Vision Joint Decision



NMFS Science Board Meeting

Science & Technology

Presented by: Tina Chang

May 26, 2004

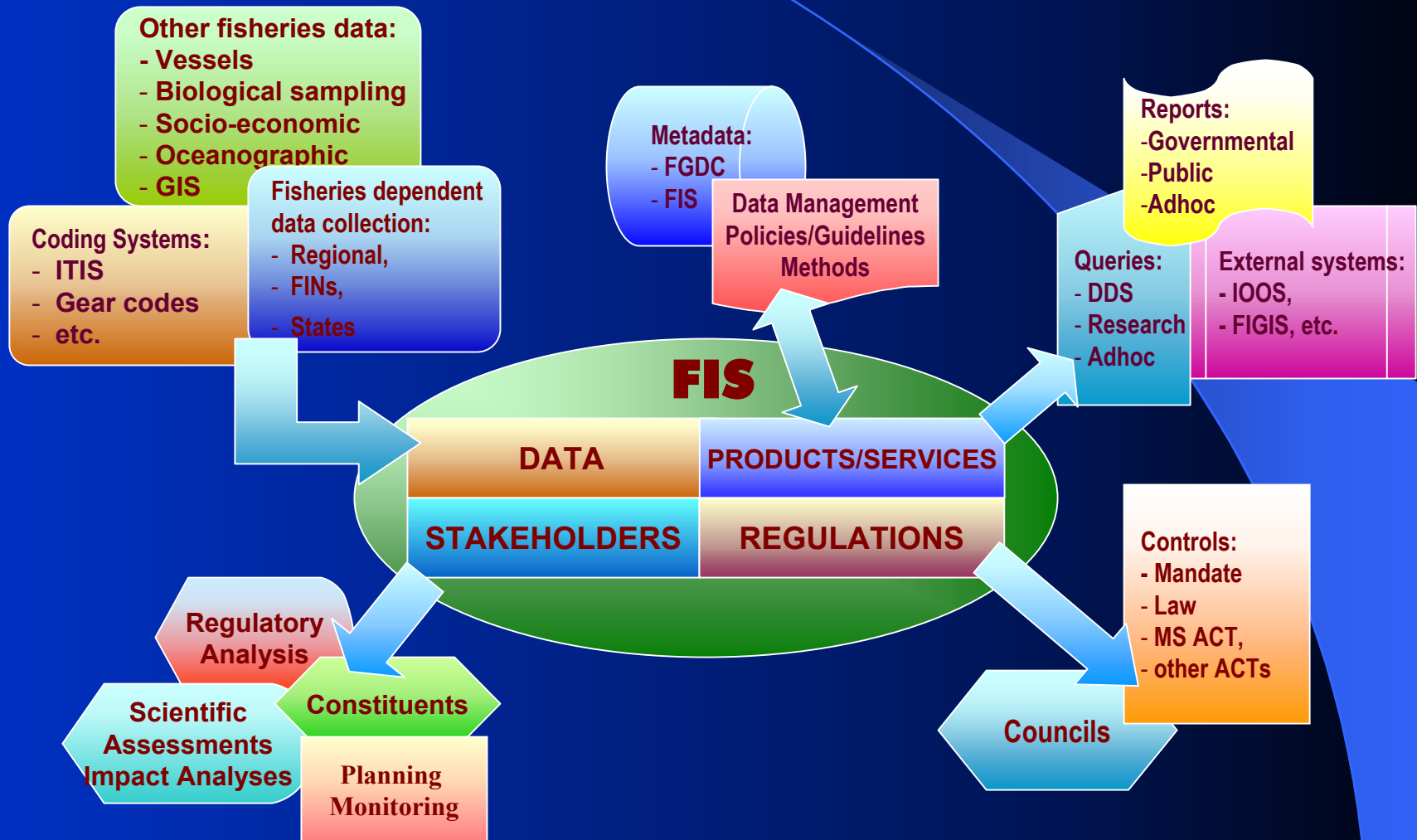


TOPICS

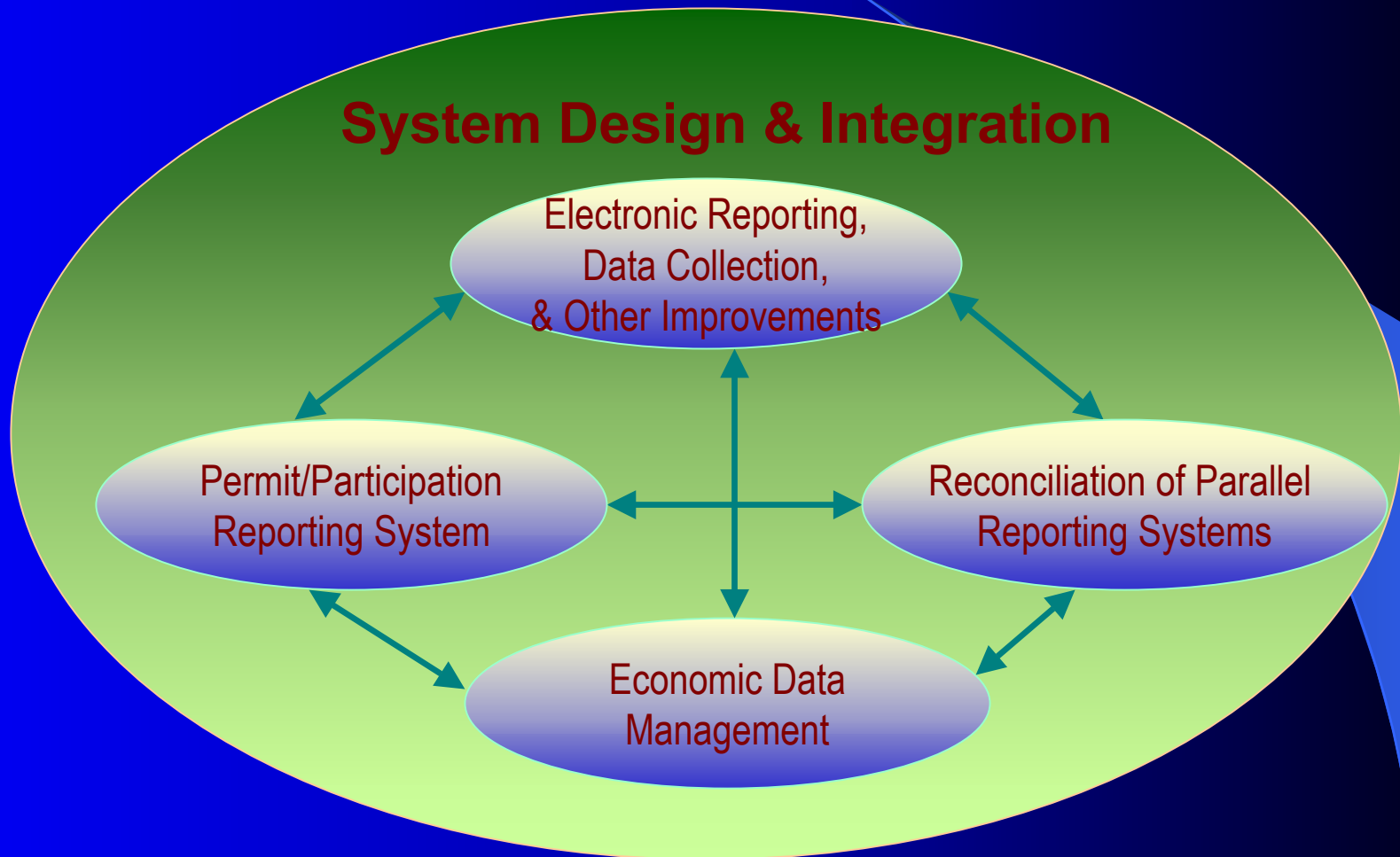
- What is FIS?
- FIS PSG Structure
- Problems and Solutions
- FIS Objectives
- FY04 FIS Objectives
- FY04 Accomplishments
- Current FIS Projects
- Critical Success Factors
- Current FIS Issues
- Conclusion

WHAT IS FIS?

Fisheries Information System Context



FIS PSG STRUCTURE



PROBLEMS AND SOLUTIONS

No standard way
of collecting data

SWRO Permit System implementation
NE/SE Landing/Logbook Rec. System

Data quality issues and data errors

Data quality tool purchased to
standardize data analysis process

No centralized area to get commonly
used data for annual report

eCatalog Portal to access data sources
from multiple areas

Inconsistent reporting
from multiple sources

Access to regional reports via Portal

No efficient tools available for
researchers to produce reports

Portal technology

Data not consistently available
at lowest level

Metadata system will enable direct
access to lowest level data sources



FIS OBJECTIVES

- Short Term:
 - Develop national metadata system
 - Create FIS portal system for overall FIS needs
 - Inventory existing data and define the FIS Core data set
 - Define vessel registration permitting system
- Long Term:
 - Define systems related to Fisheries Independent Data
 - Identify external systems linked to the FIS
 - Develop national vessel register
 - Develop applications to feed or connect to the external systems such as FIGIS and IOOS.
 - Improve and expand fishery dependent data collections



FY04 FIS OBJECTIVES

- Complete draft system scope document
- Complete defined project prototypes*
- Host 2nd national meeting
- FY05 RFP process
- Continue PSG activities

*** - From the time which funding is approved**

FY04 ACCOMPLISHMENTS

- Defined the FIS Vision, Mission, and Goals
- Held successful national meeting in November 03
- Established Professional Specialty Groups (PSG)
- Defined FIS objectives and assigned leadership
- Completed FY04 Spending plan
- Initiated work on defined projects
- Completed project initiation phase, started the project planning process, and scope document
- Started planning second national meeting in August



CURRENT FIS PROJECTS

- System Design and Integration (SDI) PSG – 863.7K
 - Metadata System
 - Data Inventory
 - FIS Core data set
 - eCatalog (Portal) Project
 - SWFSC Legacy database system conversion (FY03 budget)
 - Central Western Pacific Purse Seine Fishery
 - Albacore Fishery
- Permit PSG – 144.7K
 - Integrated vessel inventory for PI
 - West coast states small boat registry
 - SWRO Permit System Implementation (FY03 budget)
- Landing Logbook Reconciliation PSG - \$221.9K
 - NE and SE Landing Logbook Rec. System
- Electronic Reporting PSG – 501.8K
 - Initial survey and results
 - Analyze the result and planning next
- Economics Data Management PSG – 144.7K
 - Implementation of regional/cross regional economics module
- *Data Collection improvement for recreational fisheries – 270K*



CRITICAL SUCCESS FACTORS

- FIS team working on cross-regional projects collaboratively
- PSGs working together to address issues and develop resolutions
- Commitment of leadership from Regional Offices, Science Centers, and Headquarters
- Data Quality Analysis in support of data integration
- Funding

CURRENT FIS ISSUES

- Resources
 - People
 - Time
 - Commitment
- FIS funding continuation and increase
- Coordination within agency
- Coordination outside agency with states
- Full time leadership



FIS WEBSITE





Fisheries Information System - Netscape

File Edit View Go Communicator Help


Back Forward Reload Home Search Guide Print Security Stop Netscape

Bookmarks Location: <http://www.st.nmfs.gov/fis/>

Instant Message WebMail Calendar Radio People Yellow Pages Download Customize...

**National Vision. Joint Decisions.**

Fisheries Information System (FIS)



[Home](#) [About FIS](#) [PSGs](#) [Data Collection](#) [Information Technology](#) [Institutional Arrangements](#)

FIS Second Annual National Meeting Week of August 16th, 2004 (tentative) Seattle, Washington

What is the Fisheries Information System (FIS)?

The Fisheries Information System (FIS) provides a context for the design, development, and implementation of data collection and data management for fishery dependent statistics nationwide to improve the timeliness and accuracy of data. FIS is a portal that identifies the existing federal and state fisheries information systems or databases (data collections) and provides integrated business solutions for effective information sharing. FIS supports fisheries management decisions by developing a virtual application environment and providing integrated business solutions and data sources in web browser interface.



Mission	Vision	Goals
To create an umbrella program that coordinates techniques to gather and disseminate data nationally while accounting for the unique characteristics of regional commercial and recreational fisheries.	The national FIS team works collaboratively to build a quality data management system to provide accurate, efficient and timely resources and services supporting fisheries data analysis and decision processes.	Build national fisheries information expert teams to share ideas, successes and experiences in the management of Fisheries information.
Poster	Poster	Poster

Latest News

[FIS 2003 National Meeting](#)


Related Links

Quick Links

VRS


[Fisheries Statistics](#)

[Longline Observer Data System - Honolulu Lab](#)



National Marine Fisheries Service(NMFS), Office of Science and Technology,
1315 East-West Highway Silver Spring, MD. 20910

[Disclaimer](#) | [Privacy Policy](#) | [Information Quality Guidelines](#) | [Contact Us](#) | 3/26/04 | © NOAA



Document: Done

Start Microsoft PowerPol... Fisheries Informatio... Fisheries Inform...

8:05 AM

<http://www.st.nmfs.gov/fis>

5/25/2004

12

CONCLUSION

